

ABHINAV PRATAP SINGH

Full Stack (MERN) &
Gen AI developer

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🌐 [My_portfolio](#)

PROFILE

Passionate Software Engineer with close to 2 years of experience building innovative solutions using cutting-edge technologies. I specialize in creating intelligent chatbots, developing full-stack applications, and implementing AI-powered solutions that solve real-world problems.

WORK EXPERIENCE

■ Accenture (2023-Current)

Application development associate

- Developed IVR-based Chatbot using Dialogflow CX for customer interaction flows.
- Built a Generative AI Chatbot using Azure OpenAI, Langchain & RAG approach, including prompt engineering and dataset preparation.
- Worked on automation testing, daily deployments, and pipeline management.
- Response for collaborating with design team in implementing a thorough approach

SKILLS

- **Languages:** Python, JavaScript, HTML, CSS
- **Frameworks & Databases:** Node.js, Express.js, React, Angular, MongoDB
- **AI/ML:** Generative AI, Retrieval-Augmented Generation (RAG), Prompt Engineering, Linear Regression, Context Engineering
- **Tools:** Dialogflow CX, Azure OpenAI, LangChain, Git, Postman, VS Code, JIRA
- **Other:** Agile Methodologies, Automation Testing, Dataset Preparation, REST APIs, SDLC
- **Professional Skills :** Teamwork, Effective communication, Critical thinking, Ownership/Leadership, Time management.

PROJECTS

- **Expense tracker (MERN)** - Developed a MERN stack Expense Tracker web application for personal finance management, demonstrating CRUD operations, REST API integrations, and user authentication.
- **Generative AI chatbot(Python)** - Built an advanced chatbot utilizing Azure OpenAI, Langchain, and RAG approach for context-aware responses with Azure deployment.
- **Dialogflow CX chatbot(GCP)** - Designed and developed a fully functional IVR-based chatbot using Dialogflow CX for efficient call handling and customer service automation.

EDUCATION

- **MCA** – Chandigarh University
| 2021-2023 | CGPA: 8.0
- **BCA** – Dr. VSICS, Kanpur |
2018-2021 | 71.77%
- **12th** – APS Kanpur | 2017 |
88.88%
- **10th** - APS Kanpur | 2015 |
CGPA: 10.0